



# **Energy Policy Act (EPAAct) Requirements**

***renamed* – Biodiesel: Making Your  
Jobs Easier**

# What is EPAct

The Energy Policy Act (EPAct) of 1992 - directed the U.S. Department of Energy to develop the Alternative Fuel Transportation Program to manage the following EPAct transportation regulatory activities, which aim to reduce U.S. petroleum consumption through the use of alternative fuels, alternative fuel vehicles (AFVs), and other petroleum-displacement methods.

The State and Alternative Fuel Provider Fleet Program requires covered fleets either to acquire alternative fuel vehicles as a percentage of their annual light-duty vehicle acquisitions or to employ other petroleum-reduction methods in lieu of acquiring AFVs. DOE established these requirements through 10 CFR Part 490, available from the U.S. Government.

# Fleets Covered

In deciding which types of alternative fueled vehicles to acquire for implementation, one shall consider as a factor:

which types of vehicles yield the greatest reduction in pollutants emitted per dollar spent, and the source of the fuel to supply the vehicles, giving preference to vehicles that operate on alternative fuels derived from domestic sources.

At least 50% of the alternative fuels used in vehicles acquired shall be derived from domestic feedstocks...

# Fleets Covered

State entities—including state government and state agency fleets—are covered by and must meet the requirements of the Energy Policy Act (EPAAct) if all of the following conditions are met:

- A state entity owns, operates, leases, or otherwise controls 50 or more light-duty vehicles within the United States that are not on the list of excluded vehicles
- At least 20 of those vehicles are used primarily within a single Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area
- Those same 20 vehicles are centrally fueled or "capable of being centrally fueled." Vehicles are considered capable of being centrally fueled if they are capable of being fueled at least 75% of the time at a location that is owned, operated, or controlled by any fleet or under contract with that fleet for fueling purposes.

# Fleets Covered

As of 2000, 75% of the total number of vehicles acquired by the state fleet shall be alternative fueled vehicles.

# State Entity Fleets Covered

The Department of Energy currently lists these fleets within the State of Missouri as being covered:

Ameren Services Company	Mark Warren
Kansas City Metro Dept of Social Services	Broc Kohl
Kansas City Power & Light Company	Jeff Tanck
Laclede Gas Company	Mike Menendez
Missouri Dept of Natural Resources	Leigh Ann Corrigan
Missouri Dept of Transportation	Aaron Utrecht
Missouri Dept. of Corrections	Mandie Morriss
St Louis Dept of Social Services	Broc Kohl
State of Missouri Dept of Mental Health	Mike Haake
Univ of Missouri - Kansas City	Matthew Bunch

# Fleet Compliance

Standard Compliance – Requires covered fleets to acquire a certain percentage of alternative fuel vehicles (AFVs) each year based on the number of light-duty vehicles they acquire.

Alternative Compliance – Allows covered fleets to obtain a waiver from the AFV-acquisition requirements of Standard Compliance and instead implement petroleum-reduction measures.

# Fuel Compliance

## Biodiesel Blends

Standard Compliance – Credit for every 450 gal of biodiesel blends of B20 or higher (2250 gal of B20); capped at 50% of annual requirements.

Alternative Compliance – Credit for biodiesel used in any blend percentage on a GGE (gasoline gallon equivalent) basis; no cap on amount of biodiesel used to meet requirements.



# Other Fuels

E85 – Blends of 85% (>70%) or more of alcohol with gasoline

CNG / LNG

LPG (Propane)

Renewable Diesel (R100)

# Credits

One credit may be obtained for each AFV acquired that exceeds the number of AFVs that the fleet is required to obtain.

Credits are transferable for compliance for one year, if the vehicles purchased are operating solely on alternative fuels where the appropriate alternative fuel is available.

# Availability

## 2 public fuel stations

Conoco Convenient Food Mart – Jefferson City

Biofuels USA – New Florence

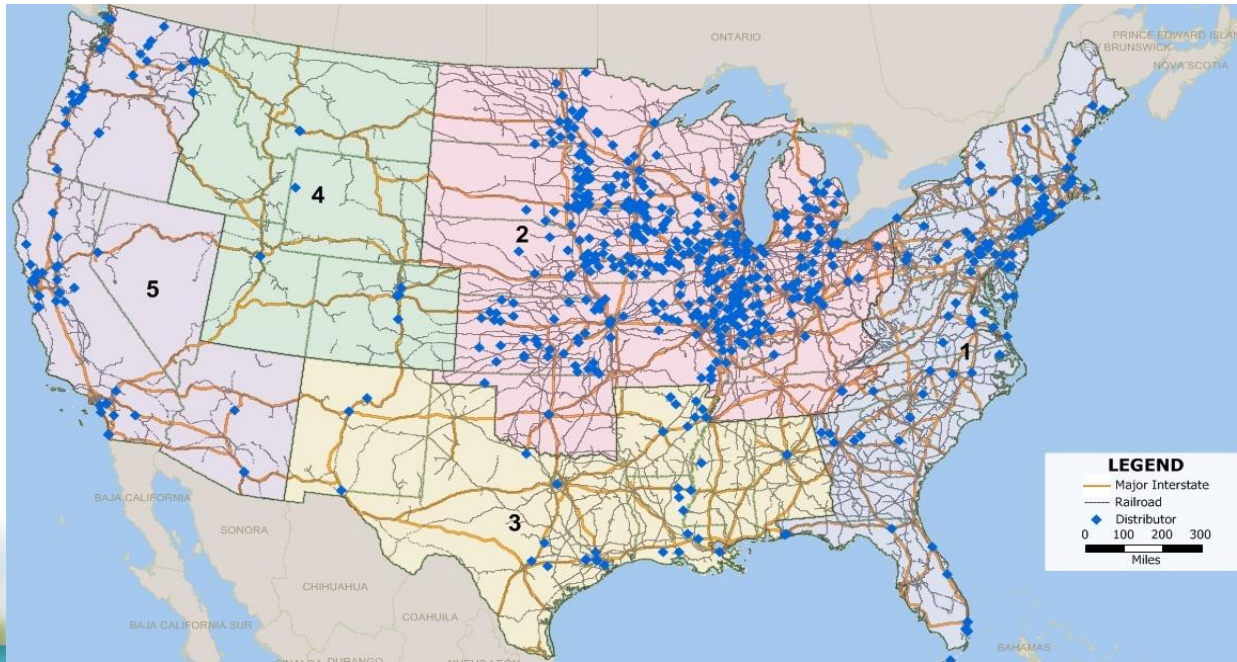
## 2 private fueling stations



# Bulk Biodiesel Distributors and Jobbers Span the U.S.

- Distributors/wholesale jobbers are concentrated near demand centers
- Distributors/jobbers supplement availability of biodiesel at 2<sup>nd</sup> level of fuel distribution network

**U.S. Bulk Distributors of Biodiesel**



Source:  
NBB

# Higher Blends Available Nationwide, Often Blended by Major Retailers

- Retailers nationwide sell B10 - B20 blends, esp. on main truck routes
- Large retailers often have store-level blending, by-passing terminals

## U.S. Retailers Selling Biodiesel Blends of B10 to B20



Source: NBB;  
Company websites

# Important Notes

**All** diesel fueled vehicles qualify as an AFV when operated on B20.

Despite the limited number of B20 fueling stations within Missouri, fuel distributors will deliver directly to you when requested.



# Lastly

Your agencies and companies do have fleets, and do purchase fuels, why not choose one of the simplest mechanisms to comply.

The National Biodiesel Board has numerous resources at your disposal.



Available help and resources literally just up the road.

# Questions?

